Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 2/24/2016 8:38:50 PM
To: Hillary Stoll [hjstoll@ncsu.edu]
Subject: RE: WAX versus HLB

I wont be available. Too many meetings. Maybe next Monday as I am off on Friday.

Mark

From: Hillary Stoll [mailto:hjstoll@ncsu.edu]
Sent: Wednesday, February 24, 2016 3:38 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: Re: WAX versus HLB

Hello Mark,

Unfortunately, I have a midterm tomorrow morning. I am free after it is done around 11:30. Would I be able to stop by after? Just let me know.

Thanks!
Hillary

On Wed, Feb 24, 2016 at 3:26 PM, Strynar, Mark <Strynar.Mark@epa.gov> wrote:

> Hillary,
>
> I have one opened box of WAX plus style cartridges left. We can use them asap. Perhaps 30 or so. I have 4 boxes of WAX 3cc syringe style. Both should work fine. I would like to compare to the Phenomenex STRATA 3cc as well.
>
> I have some time tomorrow before noon. One conference call at 9 AM.
>
> Mark
>
> **From:** Hillary Stoll [mailto:hjstoll@ncsu.edu]
> **Sent:** Wednesday, February 24, 2016 2:39 PM

To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: Re: WAX versus HLB

Hello Mark,

Thank you very much for the update. It seems as if the results are similar to what we expected. How are we doing on wax cartridges? I will put in an order for more today or tomorrow, but am curious if there are enough that I can do another curve tomorrow with 6-7 points while I wait for the next order to arrive. Just let me know.

Thank you!

Hillary

On Wednesday, February 24, 2016, Strynar, Mark <Strynar.Mark@epa.gov> wrote:

> FYI,
>
> I looked at the work we did yesterday. The WAX worked very well for all, and the HLB did poorly for m/z 229 and 279 which are PFECA F and A respectively. HLB worked similarly for all others compared to the WAX. As expected the HLB does poorly for the low molecular weight PFCAs and the PFECAs. The A and F PFECA are the two smallest. I propose using WAX capture of the compounds in 500 mL of water and a UPLC MS/MS analysis on the Acquity system.
>
> There was some contamination of the PFECA G compound in the MB but not other compounds. I think we can work with this small amount as it was lower than the lowest curve point (10 ng/L).
>
> We will now need to do more like 6-7 point cal curves and try to add some ISs we have (PFBA, PFHxA and PFOA) to serve as IS in the absence of matched IS compounds.
>
> Mark

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